Abstract

The present invention relates to a contrastenhanced diagnostic imaging method for monitoring the
efficacy of interventional therapies. The contrast agents
useful in this method comprise an image-enhancing moiety
(IEM) and a state-dependent tissue binding moiety (SDTBM).
These contrast agents exhibit state-dependent binding to
one or more components of a targeted tissue or tissue
component and provide a detectable change in the signal
characteristics of the agent once bound to the targeted
tissue. As a result, these agents exhibit a binding
affinity for, and thus image contrast of, the targeted
tissue which changes as the tissue-state changes during
therapy.